

In the United States Patent and Trademark Office

In re application of:

Inventors: MCGINNIS, Ralph Evan and  
MCGINNIS, Robert Owen

Title of the Invention: "Two-Dimensional Linkage Study Techniques"  
U.S. Application No. 097623068  
Date of receipt of U.S.C. 371 Requirements: 26 Aug 2000

International Application No. PCT/US99/04376, Examiner Kenneth R. Horlick, Art Unit  
1637  
International Filing Date 26 Feb 1999, Priority Date 26 Feb 1998

**Amended Information Disclosure Statement**

c/o Honorable Commissioner of Patents  
Alexandria, Va. 22313

Sir:

This submission is a supplemental or amended IDS. Attached hereto is an amended version Form PTO/SB/08B (2 sheets) listing documents believed relevant to the subject application. The form has been amended by eliminating the words "OTHER PRIOR ART" from the listing heading. This was done to signify that no reference in this amended IDS or previously filed original IDS (Nov. 27, 2000) is admitted by the applicants to be prior art with respect to the invention by the reference's listing in the IDS.

In addition, four new references (labeled Q, R, S and T) have been added at the end of the listing on sheet 2. It is respectfully requested that these new documents (labeled Q, R, S and T) be considered by the examiner and an initialed copy of sheet 2, with initials next to the references (labeled Q, R, S and T) be returned to the undersigned. Each of these references is a published abstract of a poster or a slide presentation. Reference Q is an abstract of a poster session presented Oct 7 and 10, 1991; reference R is an abstract of a poster session presented Oct. 7 and 8, 1993; reference S is an abstract of a slide session presented Oct. 26, 1995; and reference T is an abstract of a poster session presented Oct. 30, 1996. All of these abstracts were published before the actual presentations.

This disclosure statement should not be construed as a representation that a search has been made or that no other material information as defined in 37 C.F.R. 1.56 (a) or similar requirements exists.

It is believed that this disclosure complies with the requirements of 37 C.F.R. 1.56, 1.97, 1.98 and the M.P.E.P. 609 and similar requirements. If for some reason the examiner considers otherwise, it is respectfully requested that the undersigned be notified.

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A copy of each document (labeled Q, R, S and T) is enclosed. Some of the documents may have markings thereon. No significance is meant to be attached to the markings. These documents are not necessarily analogous art. Each of these documents Q through T is listed in the bibliography of the inventor's unpublished manuscript (submitted to the American Journal of Human Genetics, included with previous provisional priority documents and cited in the patent application) or the inventor's published paper that is incorporated by reference into the patent application (Annals of Human Genetics, 1998, 62: pp. 159 to 179; a copy of which was included with the original IDS).

A copy of each of documents A through M was previously enclosed with the original IDS. And the Examiner returned an initialed copy of the original IDS indicating that he had previously considered each of references A through P in the original IDS. As indicated in the original IDS most of documents are discussed in Background of the patent application.

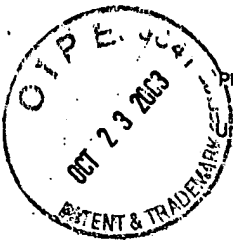
**Other Information:** A copy of the inventor's unpublished manuscript (submitted to the American Journal of Human Genetics, included with previous provisional priority documents and cited in the patent application) is enclosed.

Respectfully submitted,



Robert O. McGinnis, Coinventor and U.S. Patent Agent 44, 232  
Address for correspondence: 1575 West Kagy Blvd., Bozeman, Mt. 59715, phone 406-  
522-9355

Oct. 20, 2003



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PTO/SB/08B (08-00)

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Substitute for form 1449B/PTO		<b>Complete if Known</b>	
		Application Number	09/623068
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Filing Date	26 AUG 2000
		First Named Inventor	MCGINNIS, R.E.
		Group Art Unit	1637
		Examiner Name	Horlick, K.
		Attorney Docket Number	
Sheet	1	of	2

- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	A	MCGINNIS, R.E., Annals of Human Genetics, Vol. 62, pp. 159-179, (1998).	
	B	MCGINNIS, R.E., et. al., Genetic Epidemiology, Vol. 12, pp. 637-640, (1995).	
	C	RISCH, N. and MERIKANGAS, K., Science, Vol. 273, 13 Sept. 1996, pp. 1516-1517.	
	D	MULLER-MYHSOK, B. and ABEL, L., Science, Vol. 275, 28 Feb 1997, (Technical Comments), pp. 1328-1329.	
	E	RISCH, N. and MERIKANGAS, K., Science, Vol. 275, 28 Feb 1997, (Technical Comments), p. 1330.	
	F	KRUGLYAK, L., Nature Genetics, Vol. 17, Sept. 1997, pp. 21-24.	
	G	REED, P.W., et. al., Nature Genetics, Vol. 7, July 1994, pp. 390-395.	
	H	LEVINSON, D.F., et. al., Amer. J. Psychiatry, Vol. 155, No. 6, June 1998, pp. 741-750.	
	I	KRUGLYAK, L., Amer. J. Human Genetics, Vol. 62, 1998, pp. 994-996.	
	J	BENNETT, S.T., et. al., Nature Genetics, Vol. 9, March 1995, pp. 284-292	
	K	JULIER, C., et. al., Nature, Vol. 354, 14 Nov. 1991, pp. 155-159.	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 2

### Complete if Known

Application Number	09/623068
Filing Date	26 AUG 2000
First Named Inventor	MCGINNIS, R.E.
Group Art Unit	1637
Examiner Name	Horlick, K.
Attorney Docket Number	

### - NON PATENT LITERATURE DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	L	CHARTIER - HARLIN, M.C., et. al., Hum. Mol. Genet. Vol. 3, No. 4, 1994, pp. 569-574.	
	M	TU, I-P. and WHITEMORE, A.S., Amer. J. Hum. Genet., Vol. 64, 1999, pp. 641-649.	
	N	ABEL, L. and MULLER-MYHSOK, B., Amer. J. Hum. Genet., Vol. 63, 1998, pp. 664-667.	
	O	KRUGLYAK, L. et. al., Amer. J. Hum. Genet., Vol. 57, 1995, pp. 439-454.	
	P	KRUGLYAK, L., et. al., Amer. J. Hum. Genet., Vol. 58, 1996, pp. 1347-1363.	
	Q	MCGINNIS, et. al., Linkage between the insulogene (16) region and susceptibility to IDDM; Amer J. Hum. Genet. Suppl. 49, A476. (1991)	
	R	MCGINNIS, R.E.; Amer. J. Hum. Genet. Suppl. 53: A831. (1993)	
	S	MCGINNIS, R.E.; Amer. J. Hum. Genet. Suppl. 51: A12. (1995)	
	T	MCGINNIS, R.E.; Amer. J. Hum. Genet. Suppl. 59: A184. (1996)	

Examiner  
Signature

Date  
Considered

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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